DECLA ON AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled POLYPEPTIDE WITH 46 KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT—CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE, AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF, the specification of which:

<u>X</u>	is attached hereto			
	was filed on	as Application	Serial No.	
	and was amended on			

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application which priority is claimed:

Prior Foreign Application(s): None.

M

I hereby claim the benefit under Title 35, United States Code, §120 of Many United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: NONE.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on infor- mation and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint Donald R. Comuzzi, Registration No. 22,852; Charles W. Hanor, Registration No. 27,132; Gale R. Peterson, Registration No. 28,823; William H. Quirk, IV, Registration No. P/33,996; and Viviana Amzel, Registration No. 30,930, all of Cox & Smith Incorporated, 2000 NBC Bank Plaza, 112 East Pecan Street, San Antonio, Texas 78205 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please direct all corres undence to:

Viviana Amzel, Ph.D. COX & SMITH INCORPORATED 2000 NBC Bank Plaza 112 East Pecan Street San Antonio, Texas 78205

Direct telephone calls to Viviana Amzel at 512/554-5325.

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Inventor's «signature	Date
200000000000000000000000000000000000000	
Lafayette, California	
Residence	
U.S.A.	
Citizenship	
1089 Via Roble, Lafavette, California 94549	1
Post Office Address	7
1000 011100 110010	
Jerry Arthur Peterson	
Full Name of second joint inventor, if any	
- 12-12-	$0 \cdot (-1 \cdot \cdot)$
741.14	-111/31/
Second Inventor's signature) Date
Lafayette, California	
Residence	
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U.S.A. Citizenship	
oreradina	
1089 Via Roble, Lafavette, California 94549	9
Post Office Address	
David James Larocca Full Name 70 f / third inventor, if any	
	. /-
Whit Town Theore	
Inventor's signature	Date
San Leandro, California Residence	
VESTREINCE	
U.S.A.	
Citizenship	

Post Office Address

Total application (Conductor) Not	of 1995, no persons are required to r	Supplied to a companion of intermedical	
		Application Number	
POWER OF ATTORNEY OR		Filing Date	
		First Named Inventor	
		Title	
AUTHORIZATION OF AGENT		Group Art Unit	
		Examiner Name	CRFC- 047
		Attorney Docket Number	CF1 C- 047
I hereby appoint:			
	t Customer Number		Place Customer Number Bar Code Label here
Practitioner(s) r	named below:		
	Name	Re	gistration Number
		26	30,930
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Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

t Unit: 1	1806		
RFC-046			
<u>SECUTE</u>			
The CANCER RESEARCH FUND OF CONTRA COSTA, a non-profit corporation, duly organized and existing under the laws of the State of California, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:			
A. [X] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in this case on April 21, 1993, at Reel 6508, Frame 0236 and Frame 0240, a copy of which is attached.			
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2	From: To:		
2.	From: To: To: The document was recorded in the Patent and Trademark Office at Reel,		
	Frame, or for which a copy thereof is attached.		
3.	From: To: To: The document was recorded in the Patent and Trademark Office at Reel,		
	Frame, or for which a copy thereof is attached.		
[]	Additional documents in the chain of title are listed on a supplemental sheet.		
[] Camian a	f assignments or other documents in the chain of title are attached.		
[] Copies o	assignments of other documents in the chain of the are attached.		
The u	indersigned has reviewed all the documents in the chain of title of the patent		
application i	dentified above and, to the best of the undersigned's knowledge and belief, title is in		
the assignee	identified above. The undersigned (whose title is supplied below) is empowered to ificate on behalf of the assignee.		
sign this cert	incate on behan of the assignee.		
I here	by declare that all statements made herein of my own knowledge are true and that		
all statement	s made on information and belief are believed to be true; and further, that these		
statements a	re made with the knowledge that willful false statements, and the like so made, are y fine or imprisonment, or both, under Section 1001, Title 18 of the United States		
Code, and that such willful false statements may jeopardize the validity of the application or any			
patent issuing thereon.			
Date: 5/6/97			
Date:			
Name: Jerry	A. Peterson, Ph.D.		
1 (MILLO) VOL. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Title: Chief	Executive Officer		

CRFC-0004-2 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

: Group Art Unit: 1814

Roberto Luis Ceriani et al.

:

Serial No:

07/607,538

Examiner: David Schmickel

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Filed: November 1, 1990

Title: POLYPEPTIDE WITH 46KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE

ASSIGNMENT OF ENTIRE RIGHT, TITLE AND INTEREST

This Assignment, by David James Larocca, residing at 1530 Calle Tulipanes, Encintas, California 92024, hereinafter referred to as the assignor, witnesseth

WHEREAS, the said assignors have invented together with Roberto L. Cerian and Jerry A. Peterson certain new and useful improvements in POLYPEPTIDE WITH 46KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE set forth in an application for Letters Patent of the United States,

[]	having an Oath or Declaration	executed	on even date herewi	th;
[X]	bearing Serial No. 07/607,538	and filed	on November 1, 199	3 0.
[]	issued as Patent No	_on	; and	

Whereas, CANCER RESEARCH FUND OF CONTRA COSTA, a corporation duly organized under and pursuant to the laws of CALIFORNIA, and having its principal place of business at 2055 North Broadway, Walnut Creek, California 94596 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

mur bedbininte238

NOW, THEREFORE, in consideration of One (1.00) Dollar, and in consideration of the benefits stipulated in the applicable "Cancer Reserach Fund of Contra Costa Patent Policy", and in fulfillment of our Patent Agreement with Cancer Reserach Fund of Contra Costa, and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignor have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made; AND

for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successor(s), legal representative(s) and assign(s), that, at the time of execution and delivery of these presents, the said assignor is together with Roberto L. Ceriani and Jerry A. Peterson are the sole and lawful owners of the entire right, title and interest in and to the said inventions, and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said, assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth; AND

for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successor(s), legal representative(s) and assign(s), that the said assignor will, whenever counsel of the said assignee, or the counsel of its successor(s), legal representative(s) and assign(s), shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letter Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignors, its successor(s), legal representative(s) and assign(s), but at the cost and expense of the said assignee, its successor(s), legal representative(s) and assign(s); AND

the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successor(s), legal representative(s) and assign(s).

3 31/93 Date	David James Larroca
On 3/3/Q3,1 Public in and for said State, personally appersonally known to me or proved to me of the person whose name is subscribed to the he/she executed the same.	n the basis of satisfactory evidence to be
WITNESS my hand and official seal.	PATENT 8 TR
	Notary Public RE
	OFFICIAL NOTARY SEAL LAURA A. AGUIRRE Notary Public — California SAN DIEGO COUNTY My Comm Expires OCT 20,1995
STATE OF CALIFORNIA	
COUNTY OF Tandles	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

: Group Art Unit: 1814

Roberto Luis Ceriani et al.

:

Serial No:

07/607,538

Examiner: David Schmickel

Filed: November 1, 1990

Title: POLYPEPTIDE WITH 46KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE

ASSIGNMENT OF ENTIRE RIGHT, TITLE AND INTEREST

This Assignment, by Roberto L. Ceriani, residing at 1089 Via Roble, Lafayette, California 94549 and Jerry A. Peterson, residing at 1089 Via Roble, Lafayette, California 94549, hereinafter referred to as the assignors, witnesseth

WHEREAS, the said assignors have invented together with David James Larroca certain new and useful improvements in POLYPEPTIDE WITH 46 KDALTON HMFG. DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE set forth in an application for Letters Patent of the United States,

[]	having an Oath or Declarati	ion executed on	even date herewith
[X]	bearing Serial No. 07/607,	338 and filed on	November 1, 1990
[]	issued as Patent No.	on	; and

Whereas, CANCER RESEARCH FUND OF CONTRA COSTA, a corporation duly organized under and pursuant to the laws of CALIFORNIA, and having its principal place of business at 2055 North Broadway, Walnut Creek, California 94596 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

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NOW, THEREFORE, in consideration of <u>One (1.00)</u> Dollar, and in consideration of the benefits stipulated in the applicable "Cancer Reserach Fund of Contra Costa Patent Policy", and in fulfillment of our Patent Agreement with Cancer Reserach Fund of Contra Costa, and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made; AND

for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successor(s), legal representative(s) and assign(s), that, at the time of execution and delivery of these presents, the said assignors together with David James Larroca are the sole and lawful owners of the entire right, title and interest in and to the said inventions, and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein, set forth; AND

for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successor(s), legal representative(s) and assign(s), that the said assignors will, whenever counsel of the said assignee, or the counsel of its successor(s), legal representative(s) and assign(s), shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letter Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignors, its successor(s), legal representative(s) and assign(s), but at the cost and expense of the said assignee, its successor(s), legal representative(s) and assign(s); AND

the said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successor(s), legal representative(s) and assign(s).

4 3 1/2 CT	Theta Ta I. Cirifani
Date	Roberto L. Ćeriani
13)2 032 Date	Jerry A. Peterson
On	1993, before me, the undersigned, a Notary opeared <u>Roberto L. Cervani and Terru A. Reterson</u> n the basis of satisfactory evidence to be within instrument and acknowledged that
WITNESS my hand and official seal.	
CONTICIAL SEAL Linda S. Stevenson WOTARY PUBLIC CALIFORNIA ALAMEDA COUNTY My Comm. Express June 13, 1995	Ande A Heverson Notary Public
STATE OF CALIFORNIA	
COUNTY OF HLAMEDA	

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:

Ceriani, R. L. et al.

: Art Unit: 1642

Serial. No:

To be Assigned

: Examiner: Dr M.T.Davis

Filing Date:

January 2, 2002

:

For:

FUSION PROTEIN WITH 46 KDALTON HMFG DIFFERENTIATION ANTIGEN

BINDING SPECIFICITY, COMPOSITION, KIT & METHODS

DECLARATION

Honorable Commissioner for Patents Washington, D.C. 20231

Sir/Madam:

I, Viviana Amzel, hereby state that the paper copy of the sequence listing submitted herewith in accordance with 37 CFR 1.825(a) and (b), is to the best of my knowledge the same as the computer copy of the Sequence Listing section filed in the parent application, and that the sequences correspond to the sequences in the original application.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like, are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted.

CANCER RESEARCH INSTITUTE

1202

Reg. No. 30,930

Attorney for the Applicant

220 River Rd. Gladwyne, PA 19035 609-409-3035 Ph. 413-845-7530 Fax

EXPRESS MAIL Mailing Label Number. _

I hereby certify that this paper and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on January 2, 2002, and is addressed to the Assistant Commissioner for Patents, Washington, D.C., 20231, by Viviana

SIGNATURE